

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	(SIP or (self-ionized plasma)) and (duty adj (cycle or ratio)) and (Khz or kilohertz) and sputter and target	US-PGPUB; USPAT	ADJ	ON	2007/07/23 11:04
L3	3	(SIP or (self-ionized plasma) or (self ionized plasma)) and (duty adj (cycle or ratio)) and (Khz or kilohertz) and sputter and target	US-PGPUB; USPAT	ADJ	ON	2007/07/23 11:05
L4	3	(SIP or (self-ionized plasma) or (self ionized plasma)) and (duty adj (cycle or ratio)) and (kHz or kilohertz) and sputter and target	US-PGPUB; USPAT	ADJ	ON	2007/07/23 11:05
L5	19	(SIP or (self-ionized plasma) or (self ionized plasma)) and (duty adj (cycle or ratio)) and (kHz or kilohertz or MHz or megahertz) and sputter and target	US-PGPUB; USPAT	ADJ	ON	2007/07/23 11:15
L6	93	(duty adj (cycle or ratio)) and (kHz or kilohertz or MHz or megahertz) and sputter and target and plasma and magnetron	US-PGPUB; USPAT	ADJ	ON	2007/07/23 11:19
S1	0	("5234560" "5455197" "5556519" "5069772" "5182001" "6155200" "6156170" "6171454" "5685959" "4284924" "4500408" "4581118" "5736019" "4155825" "4277304" "4312731" "4324968" "4414086" "4422896" "4444643" "4457825" "4461688" "4500409" "4552639" "4572759" "4600492" "4600490" "4786361" "4842703" "4872964" "5188717" "5211824" "5227698" "5262030" "5302266" "5314575" "5330606" "5368684" "5409590" "5441614" "5593539" "5705081" "5753066" "5827414" "5855744" "5865970" "5932488" "6245190" "5539360" "5684397" "5754043" "6352629" "6358376" "6663754" "20020175074" "20050199485" "4842683" "5215619" "4445070" "4465953" "4597847" "5232569" "5714044" "4243505" "4395655" "4629548" "4854263" "4931640" "5237139" "5376211" "5660671" "5773100" "5888338" "6014943" "6040022" ).pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/11 13:50

## EAST Search History

S2	75	((("5234560") or ("5455197") or ("5556519") or ("5069772") or ("5182001") or ("6155200") or ("6156170") or ("6171454") or ("5685959") or ("4284924") or ("4500408") or ("4581118") or ("5736019") or ("4155825") or ("4277304") or ("4312731") or ("4324968") or ("4414086") or ("4422896") or ("4444643") or ("4457825") or ("4461688") or ("4500409") or ("4552639") or ("4572759") or ("4600492") or ("4600490") or ("4786361") or ("4842703") or ("4872964") or ("5188717") or ("5211824") or ("5227698") or ("5262030") or ("5302266") or ("5314575") or ("5330606") or ("5368684") or ("5409590") or ("5441614") or ("5593539") or ("5705081") or ("5753066") or ("5827414") or ("5855744") or ("5865970") or ("5932488") or ("6245190") or ("5539360") or ("5684397") or ("5754043") or ("6352629") or ("6358376") or ("6663754") or ("20020175074") or ("20050199485") or ("4842683") or ("5215619") or ("4445070") or ("4465953") or ("4597847") or ("5232569") or ("5714044") or ("4243505") or ("4395655") or ("4629548") or ("4854263") or ("4931640") or ("5237139") or ("5376211") or ("5660671") or ("5773100") or ("5888338") or ("6014943") or ("6040022")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/11 13:50
S3	3	((("200400207") or ("200400356") or ("6491801") or ("6352629") or ("6277249")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/17 12:21
S4	2	ep-1067577-\$ did. or wo-200401735-\$ did.	EPO; JPO; DERWENT	ADJ	ON	2007/07/11 13:56
S5	0	wo-200401735-\$ did.	EPO; JPO; DERWENT	ADJ	ON	2007/07/11 13:53
S6	2	wo-2004017356-\$ did.	EPO; JPO; DERWENT	ADJ	ON	2007/07/11 13:53

## EAST Search History

S7	13	((("6682637") or ("6860977") or ("5234560") or ("5292417") or ("5423970") or ("6878248") or ("6176979") or ("5490913") or ("5688381") or ("5833823") or ("6093293") or ("6540883") or ("6454920") or ("6682637") or ("6860977")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/11 13:55
S8	4	ep-1067577-\$ did. or wo-2004017356-\$ did.	EPO; JPO; DERWENT	ADJ	ON	2007/07/11 13:57
S9	0	"10798331".ap.	US-PGPUB; USPAT	ADJ	ON	2007/07/12 11:41
S10	0	"10798331".app.	US-PGPUB; USPAT	ADJ	ON	2007/07/12 11:42
S11	1	"10/798331".app.	US-PGPUB; USPAT	ADJ	ON	2007/07/12 11:42
S12	1	("5744011").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 17:12
S13	2	09/546798.app. or 09/414614. app.	US-PGPUB; USPAT	ADJ	ON	2007/07/16 14:47
S14	0	("200400356").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/17 12:22
S15	1	("20040035692").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/17 12:22